

ABSTRACT OF THE DISCLOSURE

A configuration of an electrolyte membrane for a fuel cell is provided, which can be sealed reliably and easily between the separators. The sealing configuration is between the separators and between a peripheral portion of the electrolyte membrane and the respective separators. The sealing
5 configuration includes a frame having an elastic modulus of greater than about 2,000 MPa and less than about 2,000,000 MPa and an elastic body having an elastic modulus of greater than 0 MPa and less than about 200 MPa. In one embodiment, the separators or portions thereof may themselves constitute the at least one elastic body. In another embodiment, the electrolyte membrane may be
10 held by two frames lying on opposite sides of the electrolyte membrane, with the at least one elastic body arranged between the first and second frames sandwiching the membrane and also between the frames and the respective separators.